

Title (en)
GROWTH-ENHANCING MEDIA FOR MYCOBACTERIA

Title (de)
WACHSTUMSVERSTÄRKENDES MEDIUM FÜR MYCOBAKTERIEN

Title (fr)
MILIEUX STIMULANT LA CROISSANCE POUR MYCOBACTERIES

Publication
EP 1206486 A2 20020522 (EN)

Application
EP 00955864 A 20000824

Priority

- US 0023166 W 20000824
- US 15048999 P 19990824
- US 50489100 A 20000216

Abstract (en)
[origin: WO0114419A2] This invention provides a method for enhancing the growth of acid-fast microorganisms in culture comprising growing the acid-fast microorganisms in the presence of an aliphatic organic acid of 8-10 carbon atoms. The diagnosis of tuberculosis and many other mycobacterial diseases has been hampered by the slow growth of these organisms using currently available culture methods. The addition of octanoic acid to currently available agar and broth media formulations utilized for the cultivation of pathogenic mycobacteria results in a marked reduction in generation time with an increase in growth yield. The growth promoting activity of octanoic acid offers the potential for significantly more rapid diagnosis, and treatment of these diseases.

IPC 1-7
C07K 14/00

IPC 8 full level
C12Q 1/04 (2006.01); **C12N 1/20** (2006.01); **C12N 1/38** (2006.01); **C12R 1/32** (2006.01)

CPC (source: EP)
C12N 1/20 (2013.01); **C12N 1/38** (2013.01)

Citation (search report)
See references of WO 0114419A2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0114419 A2 20010301; **WO 0114419 A3 20010927**; AU 6799900 A 20010319; CA 2383397 A1 20010301; EP 1206486 A2 20020522; JP 2003507053 A 20030225

DOCDB simple family (application)
US 0023166 W 20000824; AU 6799900 A 20000824; CA 2383397 A 20000824; EP 00955864 A 20000824; JP 2001518748 A 20000824